

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Roche Madison Inc. (formerly Mirus Bio Corporation)Application No./Patent No.: 10782075Filed/Issue Date: 02/19/2004Titled: Covalent Modification of RNA for In Vitro and In Vivo DeliveryRoche Madison Inc. , a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest in;
2. an assignee of less than the entire right, title, and interest in
(The extent (by percentage) of its ownership interest is _____ %); or
3. the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

- A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy therefore is attached.

OR

- B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Inventors To: Mirus Bio CorporationThe document was recorded in the United States Patent and Trademark Office at
Reel 021454, Frame 0488, or for which a copy thereof is attached.2. From: Mirus Bio Corporation To: Roche Madison Inc. (via name change)The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet(s). As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Kirk Ekena/

06/24/2009

Signature

Date

Kirk Ekena

Patent Agent (Reg. #56672)

Printed or Typed Name

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Delaware

PAGE 1

The First State

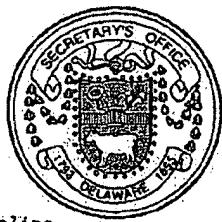
I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE RESTATED CERTIFICATE OF "MIRUS BIO CORPORATION", CHANGING ITS NAME FROM "MIRUS BIO CORPORATION" TO "ROCHE MADISON INC.", FILED IN THIS OFFICE ON THE SECOND DAY OF OCTOBER, A.D. 2008, AT 12:50 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

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081007184

You may verify this certificate online
at corp.delaware.gov/authver.shtml



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 6893107

DATE: 10-03-08

*State of Delaware
Secretary of State
Division of Corporations
Delivered 01:15 PM 10/02/2008
FILED 12:50 PM 10/02/2008
SRV 081007184 - 2429601 FILE*

**AMENDED AND RESTATED
CERTIFICATE OF INCORPORATION
OF
MIRUS BIO CORPORATION**

Pursuant to the provisions of § 133, § 228, § 242 and § 245 of the General Corporation Law of the State of Delaware

1. The present name of the corporation is Mirus Bio Corporation (the "Corporation"). The date of filing of the original Certificate of Incorporation of the Corporation with the Secretary of State of the State of Delaware was August 25, 1994. The Corporation was originally incorporated under the name Gene Transfer Company.
2. The Certificate of Incorporation of the Corporation is hereby amended in its entirety as set forth in the Amended and Restated Certificate of Incorporation set forth below.
3. The Board of Directors of the Corporation, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the Amended and Restated Certificate of Incorporation herein.
4. The Amended and Restated Certificate of Incorporation herein certified has been duly adopted by the stockholders in accordance with the provisions of § 228, § 242, and § 245 of the General Corporation Law of the State of Delaware.
5. This Certificate shall become effective upon the filing of this Amended and Restated Certificate of Incorporation with the Secretary of State of the State of Delaware.
6. The Amended and Restated Certificate of Incorporation of the Corporation shall, at the effective time, read as follows:

FIRST: The name of the corporation is Roche Madison Inc. (the "Corporation").

SECOND: The address of its registered office in the State of Delaware is 1220 N. Market St., Suite 334, City of Wilmington, County of New Castle, Delaware 19801-2535. The name of its registered agent at such address is Roche Holdings, Inc.

THIRD: The purpose of the Corporation is to engage in any lawful act or activity for which corporations may be organized under the General Corporation

Law of the State of Delaware as the same exists or may hereafter be amended ("Delaware Law").

FOURTH: The total number of shares of stock which the Corporation shall have authority to issue is 100, and the par value of each such share is \$0.01, amounting in the aggregate to \$1.00.

FIFTH: The Board of Directors shall have the power to adopt, amend or repeal the bylaws of the Corporation.

SIXTH: Election of directors need not be by written ballot unless the bylaws of the Corporation so provide.

SEVENTH: The Corporation expressly elects not to be governed by Section 203 of Delaware Law.

EIGHTH: (1) A director of the Corporation shall not be liable to the Corporation or its stockholders for monetary damages for breach of fiduciary duty as a director to the fullest extent permitted by Delaware Law.

(2) (a) Each person (and the heirs, executors or administrators of such person) who was or is a party or is threatened to be made a party to, or is involved in any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative, by reason of the fact that such person is or was a director or officer of the Corporation or is or was serving at the request of the Corporation as a director or officer of another corporation, partnership, joint venture, trust or other enterprise, shall be indemnified and held harmless by the Corporation to the fullest extent permitted by Delaware Law. The right to indemnification conferred in this ARTICLE EIGHTH shall also include the right to be paid by the Corporation the expenses incurred in connection with any such proceeding in advance of its final disposition to the fullest extent authorized by Delaware Law. The right to indemnification conferred in this ARTICLE EIGHTH shall be a contract right.

(b) The Corporation may, by action of its Board of Directors, provide indemnification to such of the employees and agents of the Corporation to such extent and to such effect as the Board of Directors shall determine to be appropriate and authorized by Delaware Law.

(3) The Corporation shall have power to purchase and maintain insurance on behalf of any person who is or was a director, officer, employee or agent of the Corporation, or is or was serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise against any expense, liability or loss incurred by such person in any such capacity or arising out of such person's status as such, whether or not the Corporation

would have the power to indemnify such person against such liability under Delaware Law.

(4) The rights and authority conferred in this ARTICLE EIGHTH shall not be exclusive of any other right which any person may otherwise have or hereafter acquire.

(5) Neither the amendment nor repeal of this ARTICLE EIGHTH, nor the adoption of any provision of this Certificate of Incorporation or the bylaws of the Corporation, nor, to the fullest extent permitted by Delaware Law, any modification of law, shall eliminate or reduce the effect of this ARTICLE EIGHTH in respect of any acts or omissions occurring prior to such amendment, repeal, adoption or modification.

NINTH: The Corporation reserves the right to amend this Certificate of Incorporation in any manner permitted by Delaware Law and all rights and powers conferred herein on stockholders, directors and officers, if any, are subject to this reserved power.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, the undersigned has executed this Amended
and Restated Certificate of Incorporation as of September 30, 2008.

MIRUS BIO CORPORATION

By: 
Name: James E. Hagstrom
Title: Secretary

(Signature Page to Amended and Restated Certificate of Incorporation)

09/11/2013 CLOSING\amended restated charter.doc

MIRUS BIO CORPORATION

**Consent in Lieu of
Meeting of Stockholders**

The undersigned, being the sole stockholder of Mirus Bio Corporation, a Delaware corporation (the "Corporation"), hereby consents to and adopts, pursuant to Section 228(a) of the General Corporation Law of the State of Delaware (the "DGCL"), the following resolution:

NOW, THEREFORE, BE IT RESOLVED, that the Amended and Restated Certificate of Incorporation of the Corporation in the form attached as Exhibit A hereto is hereby approved and adopted.

The action taken by this consent shall have the same force and effect as if taken at a meeting of stockholders of the Corporation, duly called and constituted pursuant to the DGCL. This consent may be signed in any number of counterparts, each of which shall be an original, with the same effect as if the signatures thereto and hereto were upon the same instrument.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, the sole stockholder of the Corporation has signed this consent as of September 30, 2008.

HOFFMANN-LA ROCHE INC.

By: 

Name: Frederick C. Kentz III

Title: Vice President

[Signature Page to Consent to Name Change – Stockholder]